

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

902.553-1

10/082,631

APPLICANT

P. Spruyt

FILING DATE

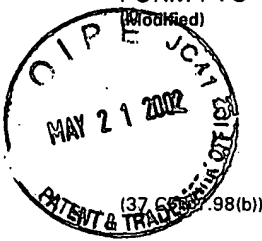
February 22, 2002

GROUP

2662

INFORMATION DISCLOSURE
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------------|------------------|-------|----------|-------------------------------|
| <i>[Signature]</i> | 5 9 1 0 9 7 0 | 6/8/99 | Lu | 375 | 377 | |
| <i>[Signature]</i> | 5 4 0 0 3 2 2 | 3/21/95 | Hunt et al. | 370 | 19 | |
| <i>[Signature]</i> | 5 6 2 7 8 6 3 | 5/6/97 | Aslanis et al. | 375 | 357 | |
| <i>[Signature]</i> | 5 8 6 7 5 2 8 | 2/2/99 | Verbueken | 375 | 222 | |
| <i>[Signature]</i> | 5 2 4 1 5 4 4 | 8/31/93 | Jasper et al. | 370 | 105.3 | |
| <i>[Signature]</i> | 5 5 0 6 8 6 5 | 4/9/96 | Weaver, Jr. | 375 | 205 | |
| <i>[Signature]</i> | 5 5 4 8 3 4 4 | 8/20/96 | Park | 348 | 726 | |
| <i>[Signature]</i> | 5 5 4 6 1 9 0 | 8/13/96 | Hill et al. | 359 | 158 | |
| <i>[Signature]</i> | 5 7 4 8 6 7 7 | 5/5/98 | Kumar | 375 | 285 | |
| <i>[Signature]</i> | 5 9 4 3 3 6 1 | 8/24/99 | Gilhousen et al. | 375 | 200 | |
| <i>[Signature]</i> | 5 1 0 3 4 5 9 | 4/7/92 | Gilhousen et al. | 375 | 1 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|-----------------|---------------------|---------|-------|----------|-------------|----|
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

| | |
|--------------------|--|
| <i>[Signature]</i> | "Network and Customer Installation Interfaces-Asymmetric Digital Subscriber Line (ADSL) Metallic Interface"; ANSI Standard on ADSL; TIE1.413-1995; pp.46 and 58 |
| <i>[Signature]</i> | "A Multicarrier E1-HDSL Tranceiver System with Coded Modulation"; P. S. Chow et al.; Journal of European Transactions on Telecommunications and Related Technologies (ETT); pp.257-266 |
| | |
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EXAMINER

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18 Feb 04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(37 CFR 1.98(b))

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|---------------------|-----------------|---------------|------------------|-------|----------|-------------------------------|
| JJ | 5 4 0 6 5 5 1 | 4/11/95 | Saito et al. | 370 | 19 | ✓ |
| JJ | 5 3 1 1 5 4 1 | 5/10/94 | Sanderford, Jr. | 375 | 1 | ✓ |
| JJ | 5 4 1 4 7 3 4 | 5/9/95 | Marchetto et al. | 375 | 267 | ✓ |
| JJ | 5 7 4 5 8 3 9 | 4/28/98 | Leiberman | 455 | 10 | ✓ |
| JJ | 5 7 5 1 7 6 1 | 5/12/98 | Gilhousen | 375 | 200 | ✓ |
| JJ | 5 7 0 3 8 7 3 | 12/30/97 | Ojanpera et al. | 370 | 332 | ✓ |
| JJ | 5 7 9 0 5 1 4 | 8/4/98 | Marchok et al. | 370 | 208 | ✓ |
| JJ | 6 1 1 8 7 5 8 | 9/12/00 | Marchok et al. | 370 | 210 | ✓ |
| JJ | 5 9 9 1 3 0 8 | 11/23/99 | Fuhrmann et al. | 370 | 474 | ✓ |
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JJ

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